

1 **WHAT IS CLAIMED IS:**

2 1. A heat radiator for a CPU comprising:
3 a metal piece having a top surface, a bottom surface, and a conical
4 surface between the top surface and the bottom surface, wherein a diameter of
5 the top surface is smaller than a diameter of the bottom surface;
6 a columned radiating piece provided outside the metal piece, the
7 radiating piece having multiple fins radially and separately extending from a
8 center of the columned radiating piece, and a conical recess with inner walls
9 defined at a bottom of the columned radiating piece for receiving the metal piece;
10 and

11 a fan mounted on a top of the columned radiating piece.

12 2. The heat radiator as claimed in claim 1, wherein the inner walls
13 defining the recess of the radiating piece respectively abut the top surface and the
14 conical surface of the metal piece.

15 3. The heat radiator as claimed in claim 1, wherein the columned
16 radiating piece has an opening longitudinally defined through the center of
17 radiating piece.

18 4. The heat radiator as claimed in claim 1, wherein a cross section of the
19 metal piece is trapezoid.

20 5. The heat radiator as claimed in claim 1, wherein the metal piece is
21 made of copper.

22 6. The heat radiator as claimed in claim 1, wherein the fins are made of
23 copper.